

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

1. – 10. (Cancelled)

11. (Currently Amended) An apparatus for recording information on a tangible recording medium, the information comprising:

stream files including still pictures;

PlayList files which order still pictures and background music (BGM) to be played; and

PlayListMarks that correspond to said still pictures;

wherein:

each of said PlayList files has one or more PlaylItems and one or more SubPlaylItems,

each of said PlaylItems corresponds to one or more still pictures,

each of said PlaylItems includes start information indicating a presentation start time for the still picture, end information indicating a presentation end time for a still picture, and a presentation time of the still picture,

each of said SubPlaylItems corresponds to a BGM, each of said SubPlaylItems includes start information indicating a presentation start time for the BGM, end information indicating a presentation end time for the BGM, and a presentation time of the BGM,

each of said PlayListMarks is associated with only one
corresponding still picture, and
wherein each of said PlayListMarks is provided at a beginning of
each of said PlayList files and at a beginning of each of said PlayItems,
the still pictures of the PlayItems and BGM of said SubPlayItems
are independently reproduced and controlled without interrupting each other,
reproduction of the BGM of the SubPlayItems is independently
repeated, if there are additional still pictures of the PlayItems to be reproduced,
and
one of a subsequent and last PlayList file on the recording medium
is played.

12. (Previously Presented) The apparatus according to claim 11, wherein
said start information is in the format of IN_time and said end information is in the
format of OUT_time.

13. (Currently Amended) An apparatus for recording information on a tangible
recording medium, the information comprising:

stream files including still pictures;
PlayList files which order still pictures and background music (BMG) to be
played; and
PlayListMarks that correspond to the still pictures;
wherein:

each of said PlayList files has one or more PlayItems and one or more SubPlayItems,

each of said PlayItems corresponds to one or more still pictures, each of said PlayItems includes start information indicating a presentation start time for a still picture, end information indicating a presentation end time for a still picture, and a presentation time of the still picture,

each of said SubPlayItems corresponds to a BGM, each of said SubPlayItems includes start information indicating a presentation start time for the BGM, end information indicating a presentation end time for the BGM, and a presentation time of the BGM,

each of said PlayListMarks is associated with one corresponding PlayItem and one still picture included in the corresponding PlayItem, and

~~wherein~~ each of said PlayListMarks is provided at a beginning of each of said PlayList files and at a beginning of each of said PlayItems,

the still pictures of the said PlayItems and BGM of the SubPlayItems are independently reproduced and said still pictures are freely changed (skip next or skip back) not interrupting the reproduction of said BGM,

reproduction of the BGM of the SubPlayItems is independently repeated, if there are additional still pictures of the PlayItems to be reproduced,
and

one of a subsequent and last PlayList file on the recording medium is played.

14. (Previously Presented) The apparatus according to claim 13, wherein said start information is in the format of IN_time and said end information is in the format of OUT_time.

15. (Currently Amended) An information reproducing method for reproducing still picture information from a recording medium on which is recorded stream files including still pictures, PlayList files which order still pictures and background music (BGM) to be played, PlayListMarks that correspond to said still pictures, wherein each of said PlayList files has one or more PlayItems and one or more SubPlayItems, each of said PlayItems corresponding to one or more still pictures and includes start information and end information, and each of said SubPlayItems corresponds to a BGM and includes start information, end information, and presentation time for the BGM, and wherein each PlayListMark is associated with only one corresponding still picture and with only one corresponding PlayList file and is provided at a beginning of each of said PlayList files and at a beginning of each of said PlayItems, said information reproducing method comprising the steps of:

detecting said start information and said end information;

controlling said presentation time of said still pictures in accordance with said detected start information and end information; and

independently reproducing still pictures of the PlayItems and BGM of the said SubPlayItems on one or more output devices, in which said still pictures are

freely changed (skip next or skip back) not interrupting the reproduction of said

BGM,

independently repeating reproduction of the BGM of the SubPlayItems, if
there are additional still pictures of the PlayItems to be reproduced, and
playing one of a subsequent and last PlayList file on the recording
medium.

16. (Previously Presented) The information reproducing method according to claim 15, wherein said start information is in the format of IN_time and said end information is in the format of OUT_time.

17-18. (Cancelled)

19. (Currently Amended) An apparatus for reproducing information recorded on a tangible recording medium, the information comprising:

stream files including still pictures;

PlayList files which order still pictures and background music (BGM) to be played; and

PlayListMarks that correspond to said still pictures;

wherein:

each of said PlayList files has one or more PlayItems and one or more SubPlayItems,

each of said PlayItems corresponds to one still picture, each of said PlayItems includes start information indicating a presentation start time for the still picture, end information indicating a presentation end time for the still picture, and a presentation time of the still picture,

each of said SubPlayItems corresponds to a BGM, each of said SubPlayItems includes start information indicating a presentation start time for the BGM, end information indicating a presentation end time for the BGM, and a presentation time of the BGM,

each of said PlayListMarks is associated with only one corresponding still picture, and

~~wherein~~ each of said PlayListMarks is provided at a beginning of each of said PlayList files and at a beginning of each of said PlayItems,

the still pictures of said PlayItems and BGM of said SubPlayItems are independently reproduced and said still pictures are freely changed (skip next or skip back) not interrupting the reproduction of said BGM,

reproduction of the BGM of the SubPlayItems is independently repeated, if there are additional still pictures of the PlayItems to be reproduced,

and

one of a subsequent and last PlayList file on the recording medium is played.

20. (Currently Amended) An apparatus for reproducing information recorded on a tangible recording medium, the information comprising:

stream files including still pictures;

PlayList files that order still pictures and background music (BGM) to be played; and

PlayListMarks that correspond to said still pictures;

wherein:

each of said PlayList files has one or more PlayItems, one or more SubPlayItems, and flag for type of presentation indicates playing with said SubPlayItem as BGM or not,

each of said PlayItems corresponds to one or more still pictures, each of said PlayItems includes start information indicating a presentation start time and end information indicating a presentation end time for a still picture, and each of said PlayItems indicates a presentation time of the still picture,

each of said SubPlayItems corresponds to a BGM, each of said SubPlayItems includes start information indicating a presentation start time and end information indicating a presentation end time for the BGM, and each of said SubPlayItems indicates a presentation time of the BGM,

each of said PlayListMarks is associated with only one of corresponding still picture, and

wherein each of said PlayListMarks is provided at a beginning of each of said PlayList files and at a beginning of each of said PlayItems,

the still pictures of said PlayItems are independently reproduced while said BGM of said SubPlayItem is reproduced on the one or more output devices when the flag for type of presentation indicates playing with said

SubPlayItem and said still pictures are freely changed (skip next or skip back) not

interrupting the reproduction of said BGM,

reproduction of the BGM of the SubPlayItems is independently
repeated, if there are additional still pictures of the PlayItems to be reproduced,

and

one of a subsequent and last PlayList file on the recording medium
is played.

21. (Cancelled)

22. (Cancelled)